

Find and Replace Pattern [\(View\)](#)

Given a list of strings `words` and a string `pattern`, return *a list of `words[i]` that match `pattern`*. You may return the answer in **any order**.

A word matches the pattern if there exists a permutation of letters `p` so that after replacing every letter `x` in the pattern with `p(x)`, we get the desired word.

Recall that a permutation of letters is a bijection from letters to letters: every letter maps to another letter, and no two letters map to the same letter.

Example 1:

Input: `words = ["abc","deq","mee","aqq","dkd","ccc"], pattern = "abb"`

Output: `["mee","aqq"]`

Explanation: "mee" matches the pattern because there is a permutation {a -> m, b -> e, ...}.

"ccc" does not match the pattern because {a -> c, b -> c, ...} is not a permutation, since a and b map to the same letter.

Example 2:

Input: `words = ["a","b","c"], pattern = "a"`

Output: `["a","b","c"]`

Constraints:

- `1 <= pattern.length <= 20`
- `1 <= words.length <= 50`
- `words[i].length == pattern.length`
- `pattern` and `words[i]` are lowercase English letters.